TB—0381
PERIMETER SECURITY ENHANCEMENT FOR MYSQL DATABASES

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Section/Group: Enterprise Information Security Office
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This bulletin is to announce to Wide Area Network customers the intent to close external access (outside of the State firewall) to MYSQL database. In the past we have allowed unfiltered access to certain ports through the firewall. As we have reviewed this we realize that more agencies are storing critical data in MYSQL databases. On July 30th the port (Port 3306) used by MYSQL will be blocked at the firewall.

Every day our intrusion detection system picks up scan and login attempts from throughout the world against various agencies' MYSQL databases. If you have the need for external customers to have direct access to your MYSQL database (not a good security practice), then you should use some alternative method, which includes encryption like VPN or a TLS tunnel. The Security Office will be happy to work with you on the best option for your situation. Exceptions to this rule will be reviewed on a case by case basis. Prior to this effective date you may send an e-mail to dsecure@utah.gov with your firewall request. After that date all firewall requests for Port 3306 will follow the standard firewall request process.

http://its.utah.gov/forms/forms.htm
Select firewall request form.

It is highly recommend that all external access to internal systems use a strong method for authentication, plus encryption.